

ABSTRACT

The reflective liquid crystal display device comprises a polarizing plate 11 disposed forwardly of the liquid crystal cell 16, a reflecting means 15 disposed on backside of the liquid crystal cell, and a light-scattering sheet 12 disposed forwardly of reflecting means. The light-scattering sheet can be prepared by phase-separating a plurality of resins varying in refractive index due to spinodal decomposition and forming a light-scattering layer scattering an incident light isotropically. The light-scattering layer has a ratio of a linearly transmitted light to an incident light of 0.1 to 15 % and has a phase separation structure having an average interphase distance of 3 to 15 μm . The light-scattering layer expresses a light-scattering intensity profile having substantially flat area at scattering angle θ of 3 to 12° from a scattering center. According to the light-scattering sheet, the uniform brightness can be imparted to the display of the liquid crystal display device even when the viewing angle changes.

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